



FOCAL POINT™

Bringing It All To Light®



# Akeso™

NEW HEIGHTS IN HEALTHCARE LIGHTING



A brand of  legrand



## From Peak to Pitch, elevating care

Akeso,<sup>™</sup> inspired by the Greek goddess of well-being and the healing process, is intended to support patients and clinical staff along the care and recovery journey.

With powerful, glare free illumination that soothes and facilitates the performance of critical tasks, the healthcare luminaires elevate the patients and clinicians' experience. The modern lens profiles: Peak and Pitch, are designed to perform across ambient, exam, and reading light functions and to bring a fresh aesthetic to patient rooms, examination rooms, ambulatory care areas, corridors, and staff areas.

With a streamlined 8" x 4' form factor, master-satellite configuration, and gasketed acrylic lens, Akeso simplifies installation and maintenance. It blends modern form, cleanability, and high performance to help clinical staff work with confidence and make patients feel truly at ease.

# Integrated lighting for every moment of care

Akeso supports the needs of patients, clinicians, and caregivers throughout the day. It offers an integrated, multi-functional solution with comfortable ambient lighting, examination mode, and optional reading light. The various lumen outputs deliver 75 to 100 or more foot-candles on the patient bed, meeting the requirements of ANSI/IES RP-29-25 in exam mode.



AMBIENT



EXAM



READING

## INTEGRATION WITH PILLOW SPEAKER FOR PATIENT CONTROL

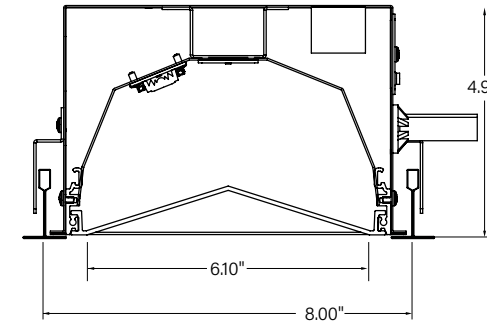
A comfortable reading light, as well as the ambient illumination, can be controlled by the patient via a pillow speaker, offering focused illumination at any time of the day or night.



# One luminaire family, two lens options

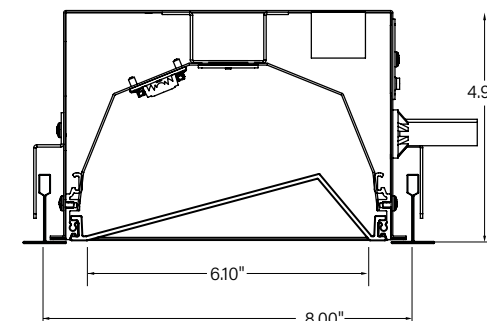
## PEAK

- Symmetrical lens profile
- Used as a pair or as a single luminaire
- Optional integrated reading light
- IP65 rated, NFS2 listed



## PITCH

- Slanted lens angled towards the center of the bed
- Used as a pair
- Optional integrated reading light
- NFS2 listed

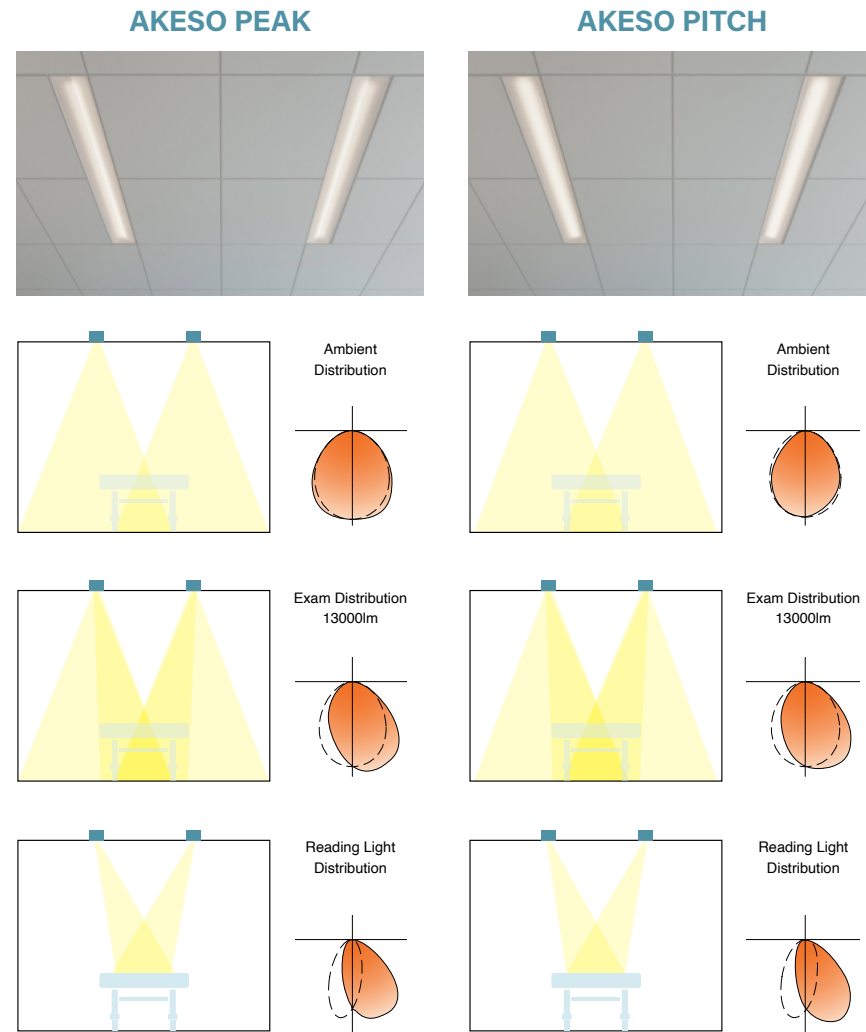


# Performance that matters, aesthetics that please

The Peak and Pitch lens options yield differentiated room-side aesthetics but similar high-performance characteristics. The examination mode delivers the required illumination on the patient bed as per ANSI/IES RP-29-25.

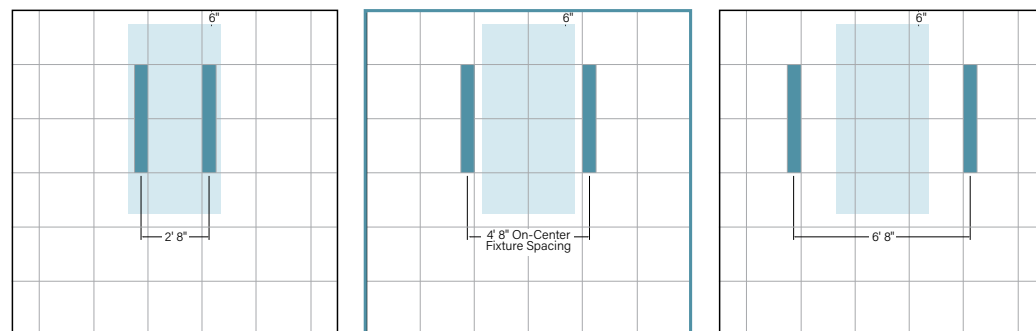
## TANDEM MULTIFUNCTION OVERBED LUMINAIRES

- Ambient and optional reading light controlled via pillow speaker and wall switch
- Soft but powerful reading light focused on the reading plane, color temperature specified independently from ambient and exam
- Exam mode
- Cyanosis Observation Index (COI) of 3.3 or less



## IDEAL PATIENT ROOM

- 12' x 12' Room
- 9' Ceiling
- 3' 5" Bed placed 6" from the head wall
- 4' 8" On-center fixture spacing

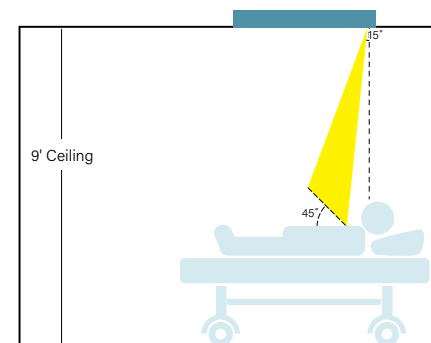


## PATIENT BED ILLUMINANCE (Average foot-candles)

Ceiling Height	Total Patient Bed Pair Lumen Output		On-Center Fixture Spacing					
	Ambient	Ambient + Exam	2' 8"		4' 8"		6' 8"	
			Ambient Function	Exam Function	Ambient Function	Exam Function	Ambient Function	Exam Function
10'	2800	10300	19	69	17	63	15	58
	4300	10400	28	69	25	63	22	57
	5700	10500	38	70	34	63	30	57
	2800	11000	19	79	17	75	15	71
	4300	12000	28	88	25	83	22	79
	5700	13000	38	89	34	84	30	78
9'	2800	10300	23	84	20	75	17	66
	4300	10400	35	84	30	75	25	66
	5700	10500	46	85	40	75	34	65
	2800	11000	23	97	20	90	17	83
	4300	12000	35	109	30	100	25	91
	5700	13000	46	110	40	100	34	90
8'	2800	10300	28	104	24	90	19	75
	4300	10400	43	105	35	89	28	74
	5700	10500	57	105	47	89	37	74
	2800	11000	28	122	24	109	19	96
	4300	12000	43	136	35	121	28	105
	5700	13000	57	137	47	120	37	104

☐ Ideal patient room.

## 45° ANGLED READING PLANE ILLUMINANCE (Average foot-candles)



Ceiling Height	Reading Light Pair Lumen Output	On-Center Fixture Spacing		
		2' 8"	4' 8"	6' 8"
10'	1700	24	20	16
	2100	30	25	20
	2500*	35	30	24
9'	1700	32	25	19
	2100	40	31	23
	2500*	47	37	27
8'	1700	43	31	20
	2100	53	39	25
	2500*	63	46	29

\*2500 lumens 80 CRI only. ☐ Ideal patient room.

# Simple installation and maintenance

Akeso is a tandem overbed luminaire, or single luminaire for general illumination of healthcare facilities, engineered to make installation and maintenance easy. The streamlined 4' x 8" form factor, depth of 5", and master-satellite configuration requiring only one power feed for the pair speed up installation in grid and drywall ceilings. NSF and IP65\* ratings ensure Akeso supports the stringent infection control standards of healthcare establishments and is suitable for use in isolation rooms. Drivers and LED boards are accessible from the room side.

## CLEANABILITY & SANITATION

Matte Satin White antimicrobial finish

Wipe-down friendly luminaire designed to curtail dust collection

Gasketed acrylic lens designed to sustain the stringent cleaning protocols of healthcare environments and prevent cross-contamination

NSF and IP65\* ratings



Antimicrobial powder coat finish

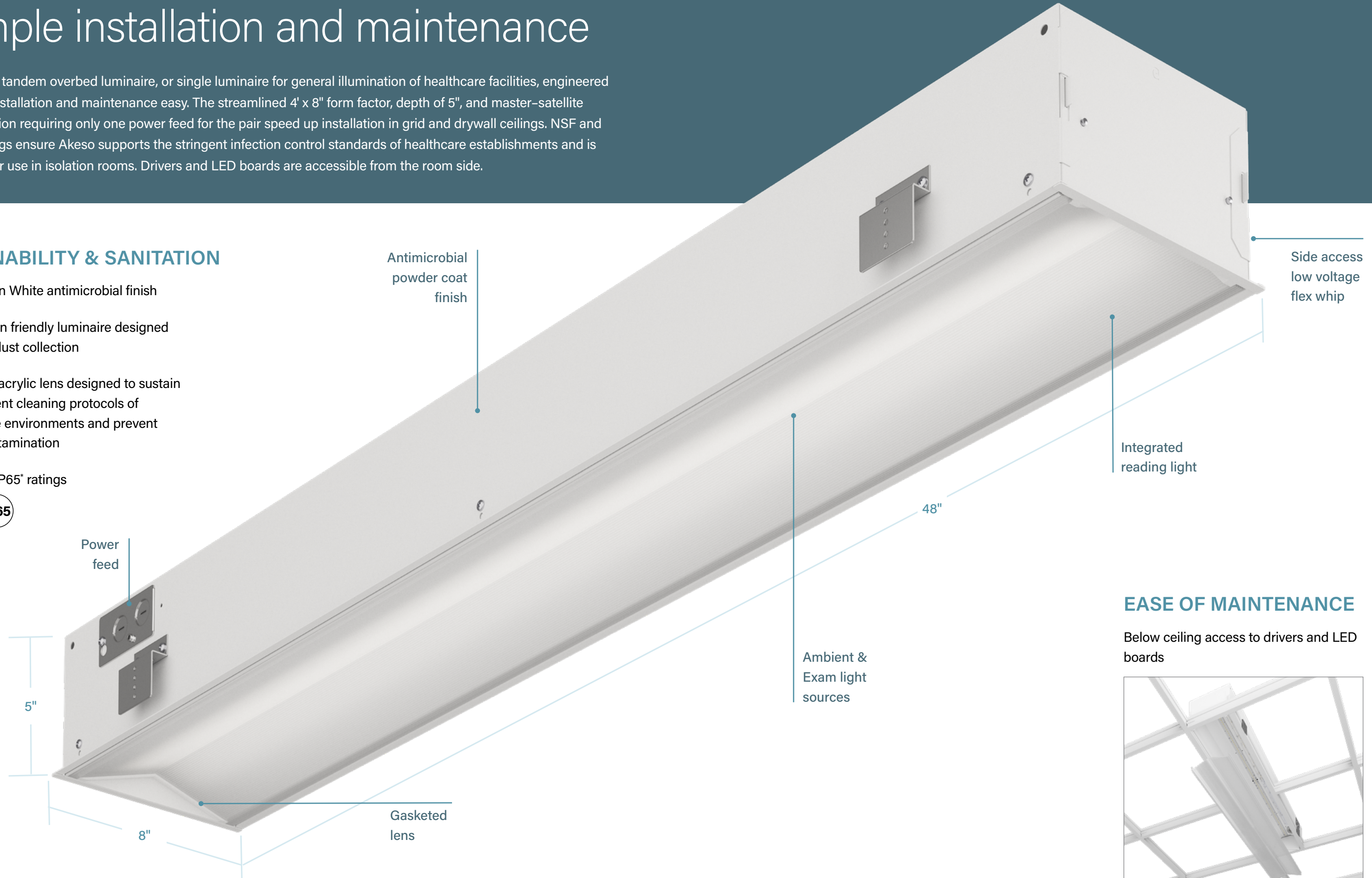
Side access low voltage flex whip

Integrated reading light

Ambient & Exam light sources

## EASE OF MAINTENANCE

Below ceiling access to drivers and LED boards



Power feed

5"

8"

Gasketed lens

48"

\*IP65 Peak lens only.

# Low voltage controller options

The use of low voltage controls allows for patients to control the ambient and reading light via a pillow speaker while also providing flexibility for healthcare professionals to control the luminaire from a wall switch. Akeso is available with on/off, step or smooth dimming capabilities.

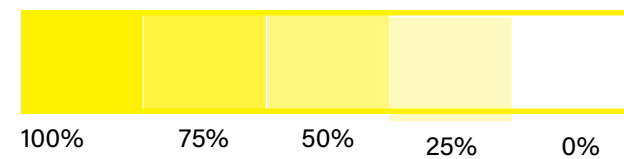
## SMOOTH DIMMING

Smooth dimming allows for a controlled progression of light output starting at 100% and dimming down to 1% with a simple push and continuous hold of a button.



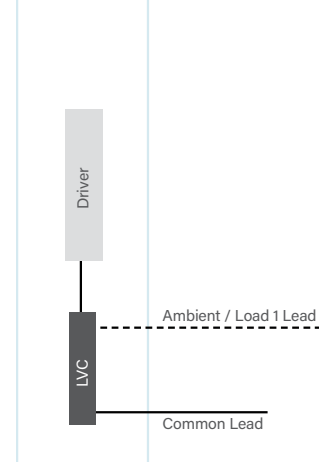
## STEP DIMMING

Step dimming allows for a controlled progression of light output in four steps with 25% increments: 100%, 75%, 50% and 25% with simple push button functionality.

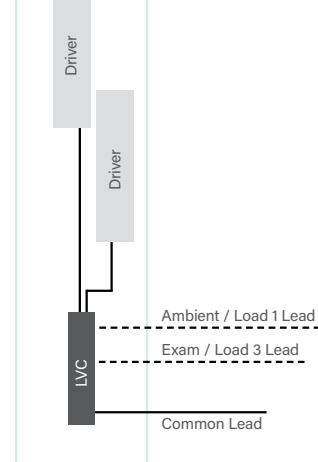


A custom Curbell low voltage controller is designed to operate up to three separate loads. Load 1 & 2 intended to be wired to the pillow speaker allowing for patient control. Load 3 intended to default to exam light levels at a wall switch. The LVC accepts a single universal voltage input of 120-277V and is pre-installed in the luminaire. Refer to luminaire cut sheets for specification information.

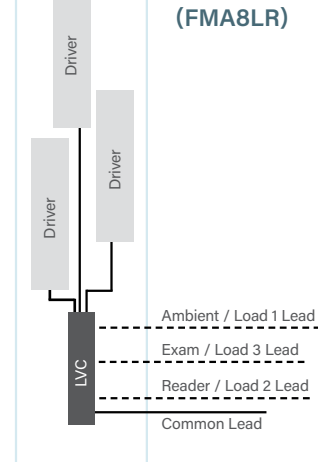
**AMBIENT ONLY (FMA8L)**



**AMBIENT + EXAM (FMA8LE)**

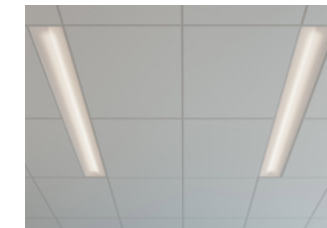


**AMBIENT + EXAM + READER (FMA8LR)**

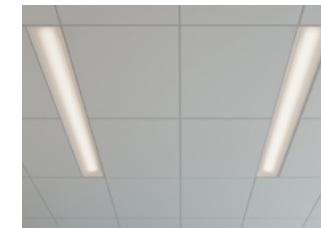


# Patient room lighting solutions

Akeso is the newest healthcare lighting solution, joining a growing portfolio of purpose-built, high-performance luminaires. Consult [focalpointlights.com/Healthcare](http://focalpointlights.com/Healthcare) to learn more, view all products, and access the Healthcare Design Guide.



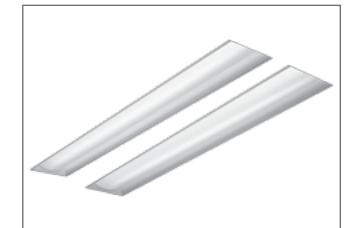
Akeso Peak



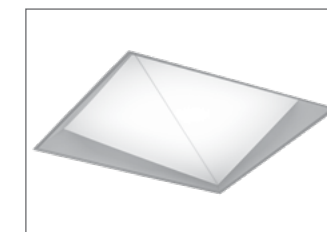
Akeso Pitch



Saros Duo



Apollo 8



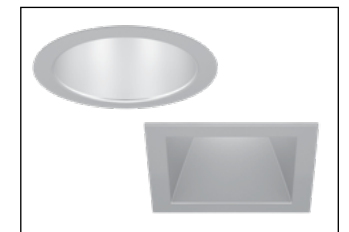
Facetta



Seem Vanity



Seem 4



ID+ Downlights



**FACETTA**



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